

8 CHANGE-QUANTITY CALCULATING DEVICE

9 PREVIOUS FRAME IMAGE REPRODUCER

10 FRAME DATA CORRECTION DEVICE

Fig. 1

n FRAME				L <sub>a</sub> =100				L <sub>b</sub> =100				L <sub>a</sub> =100				L <sub>b</sub> =100					
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
a	52	152	52	52	0	1	0	0	a	50	150	50	50	a	0	0	0	a	52	152	52
b	52	152	52	52	0	1	0	0	b	50	150	50	50	b	0	0	0	b	52	152	52
c	48	148	48	48	0	1	0	0	c	50	150	50	50	c	0	0	0	c	48	148	48
d	48	148	48	48	0	1	0	0	d	50	50	50	50	d	0	0	0	d	48	148	48

n+1 FRAME				L <sub>a</sub> =100				L <sub>b</sub> =100				L <sub>a</sub> =100				L <sub>b</sub> =100					
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
a	52	152	52	52	0	1	0	0	a	50	150	50	50	a	0	0	0	a	52	152	50
b	52	152	52	52	0	1	0	0	b	50	150	50	50	b	0	0	0	b	52	150	50
c	48	148	48	48	0	1	0	0	c	50	150	50	50	c	0	0	0	c	48	150	50
d	48	148	48	48	0	1	0	0	d	50	50	50	50	d	0	0	0	d	48	150	50

Fig. 2

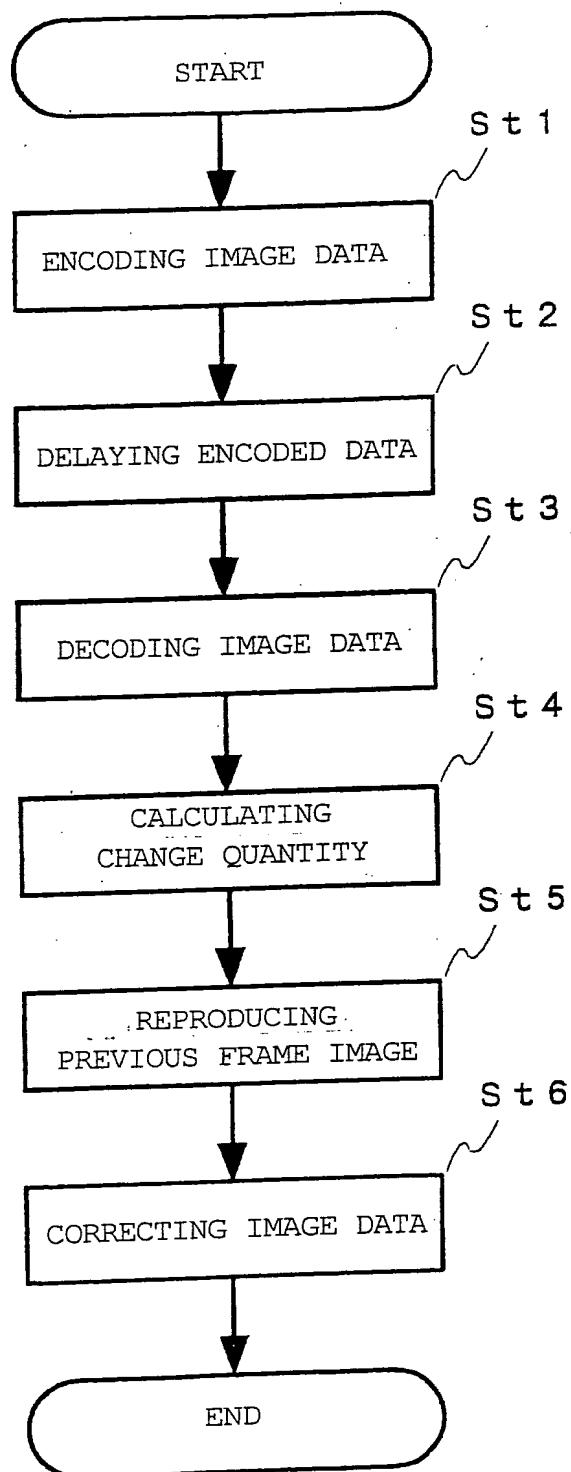


Fig. 3

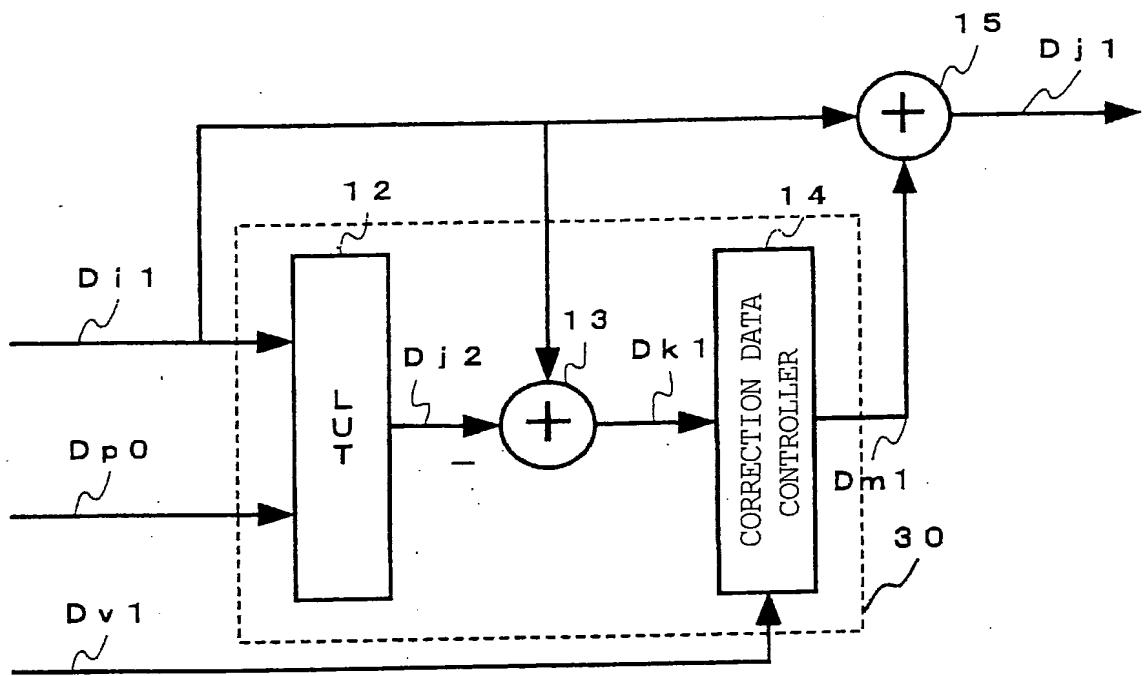


Fig. 4

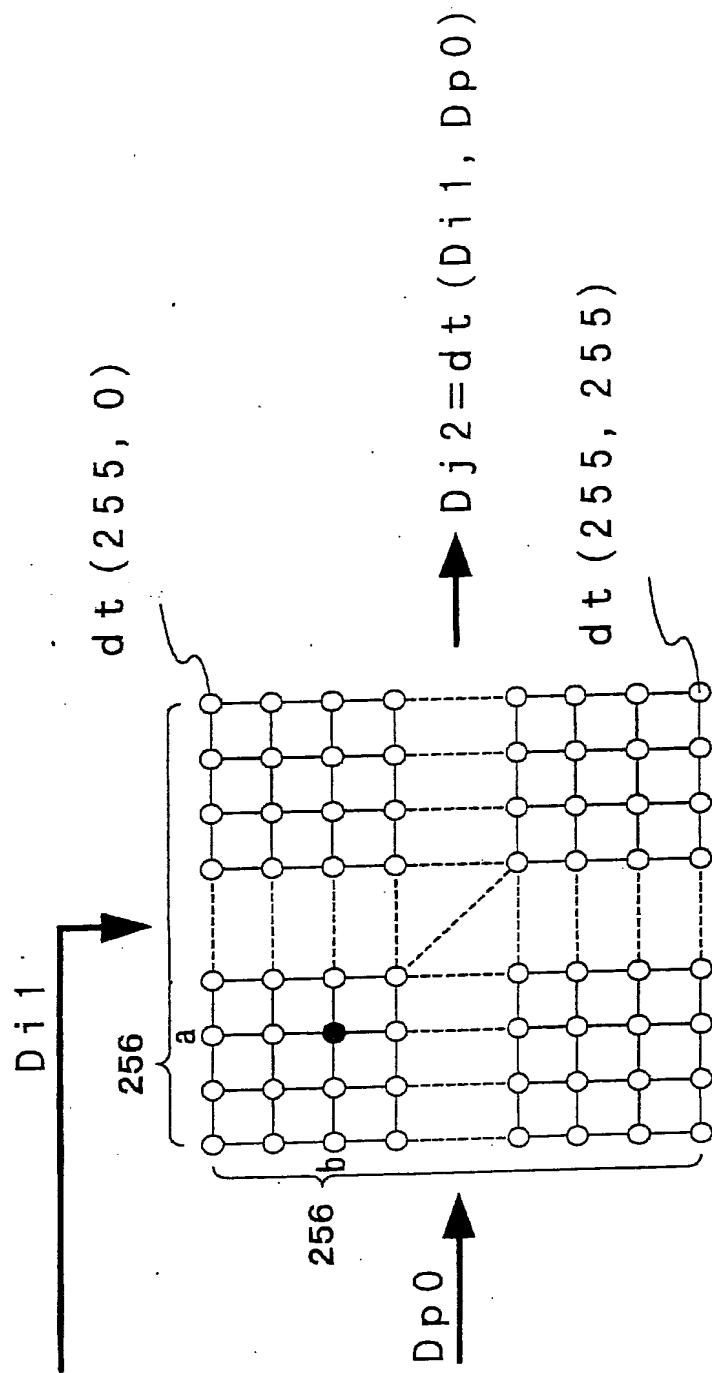


Fig. 5

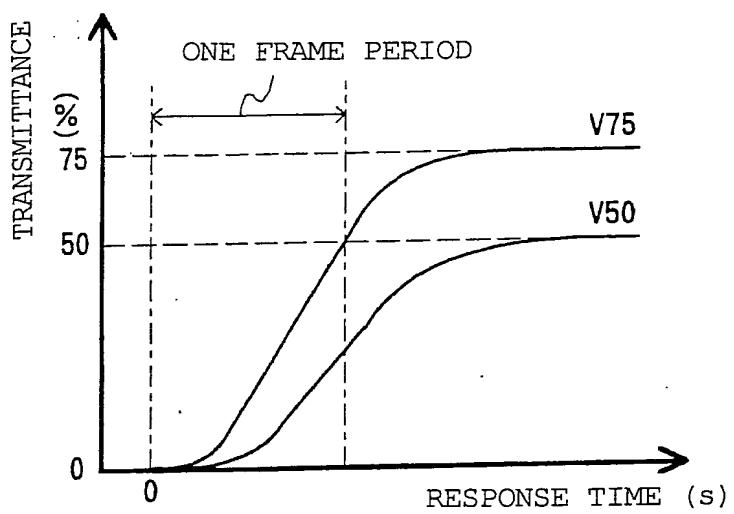


Fig. 6

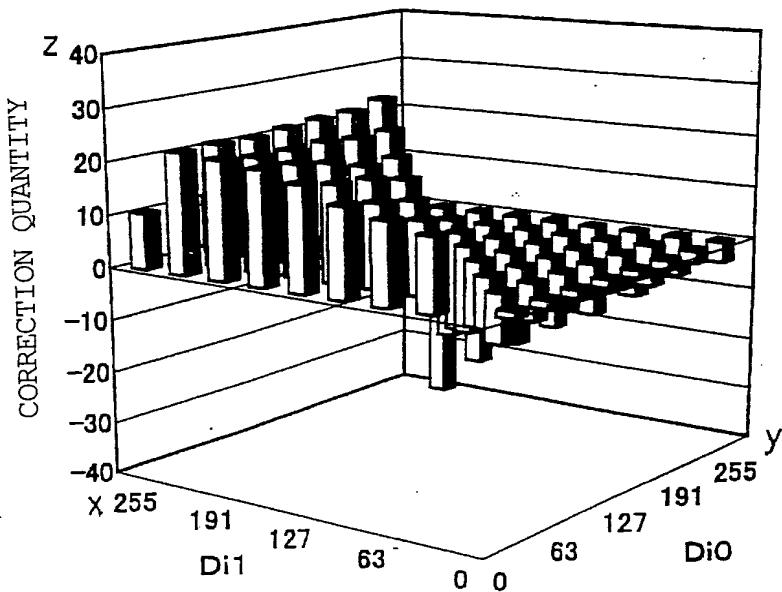


Fig. 7

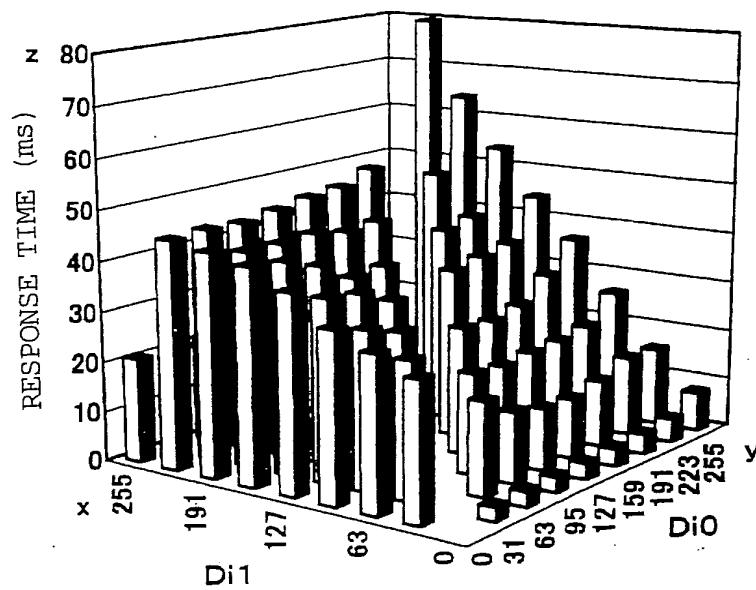


Fig. 8

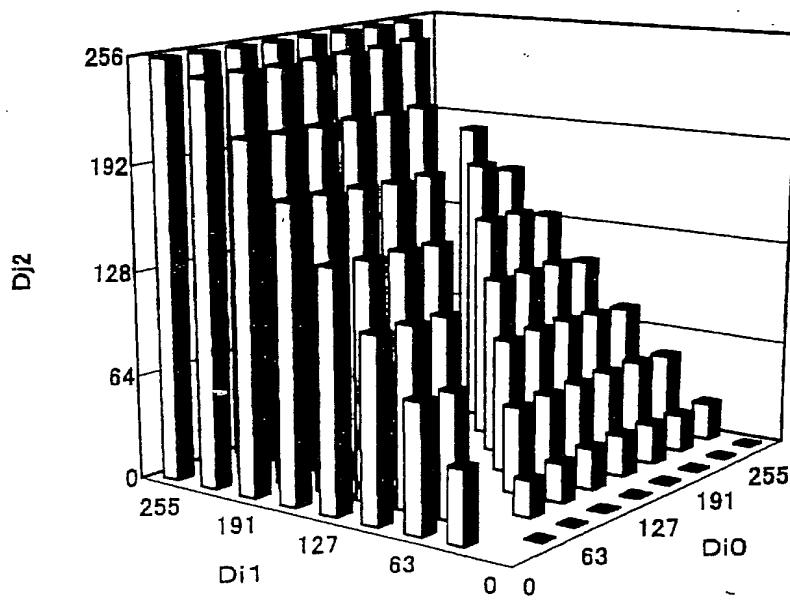


Fig. 9

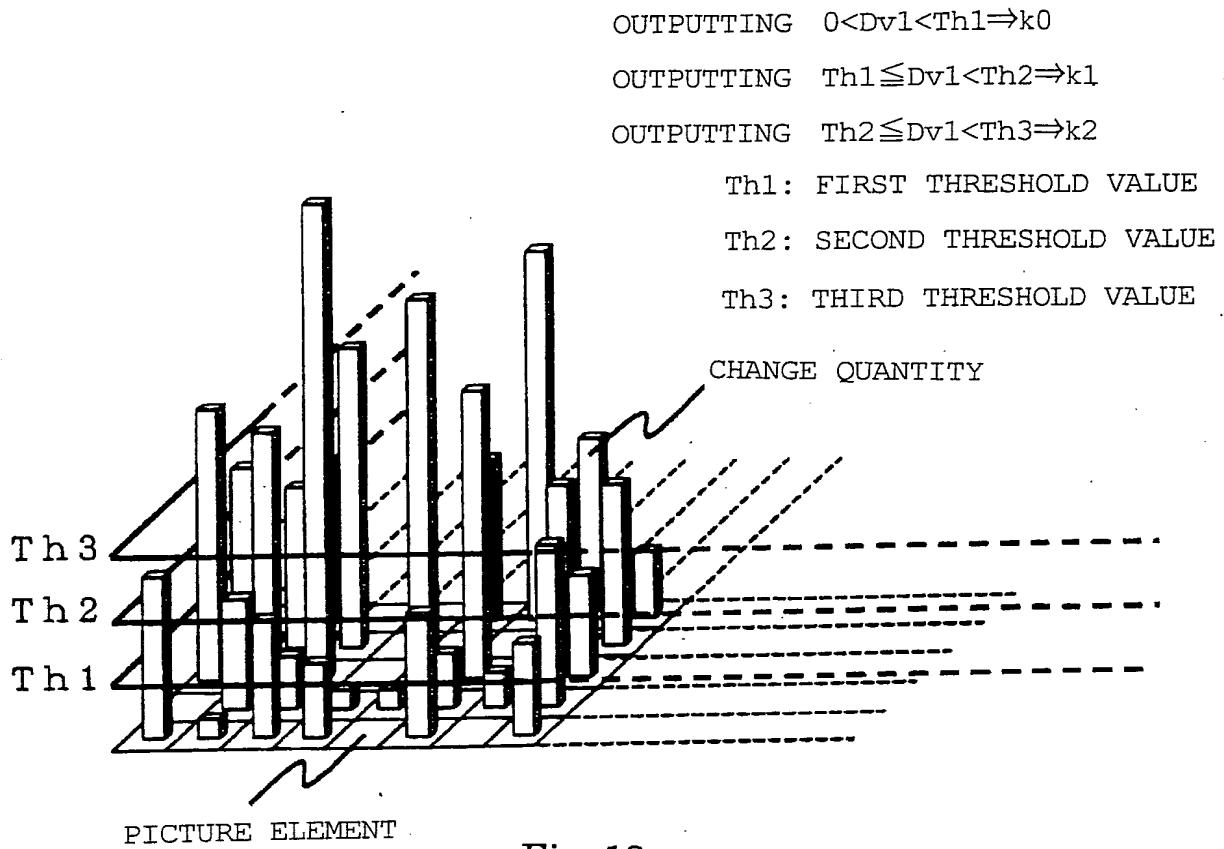


Fig. 10

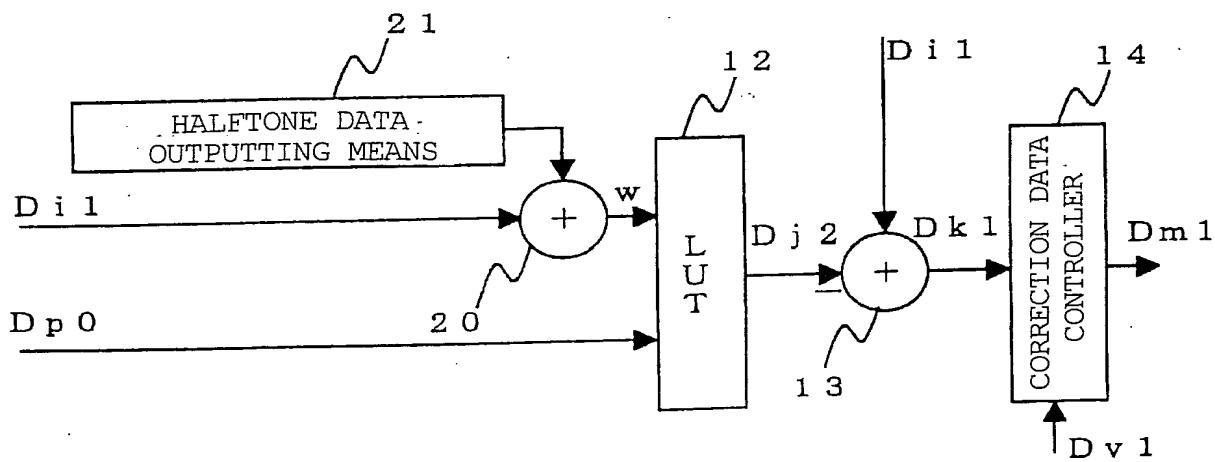


Fig. 11

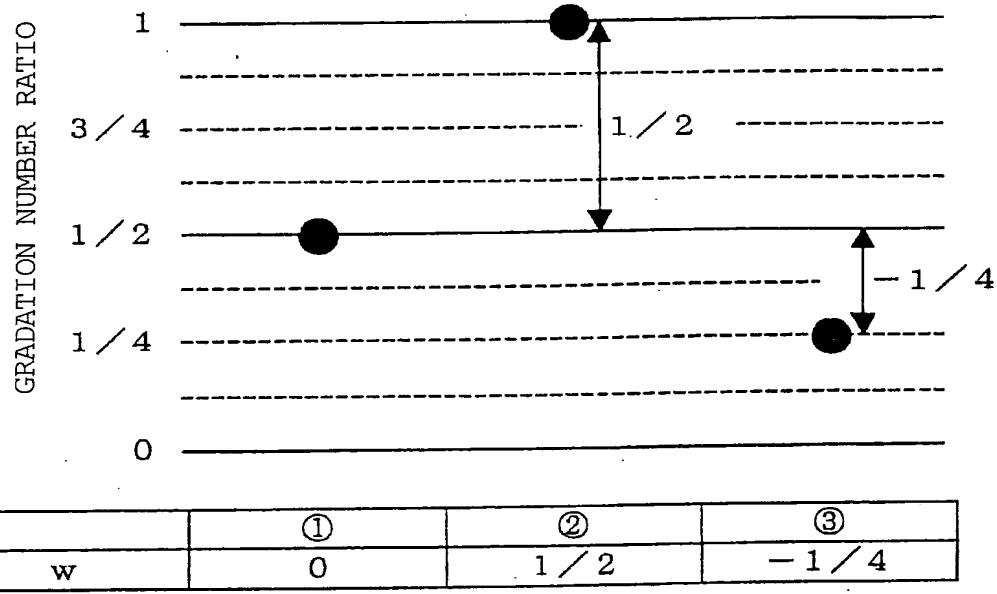
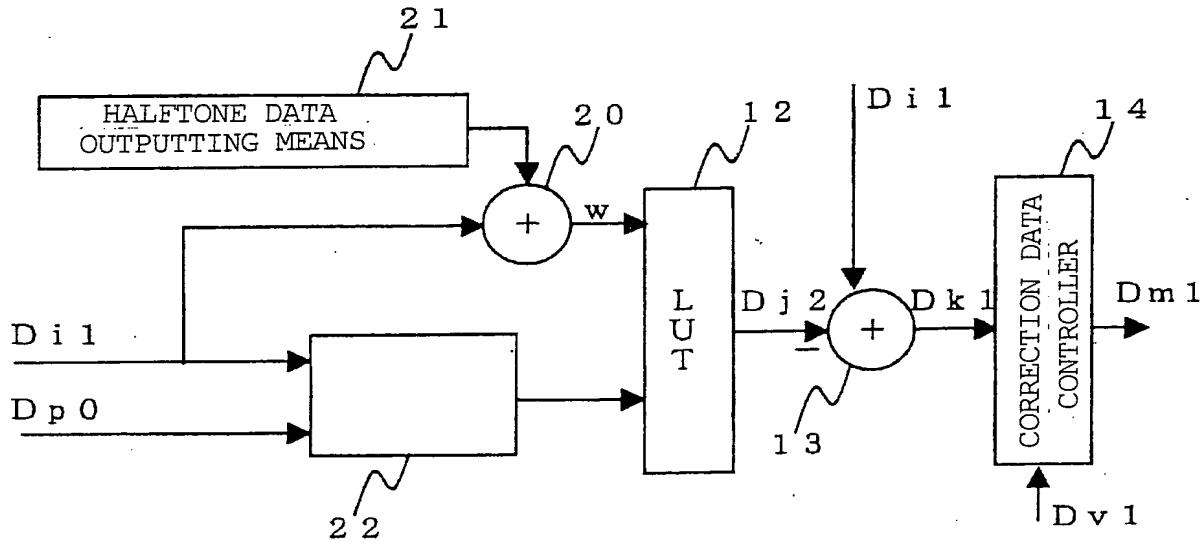


Fig. 12



22 GRADATION CHANGE DETECTING MEANS

Fig. 13

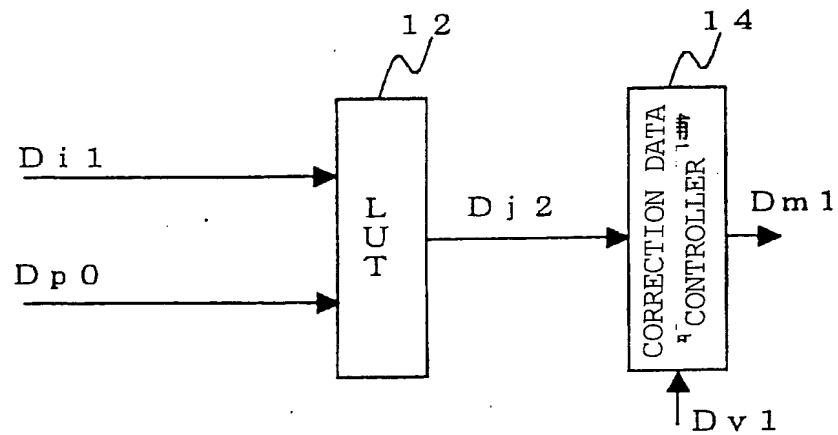


Fig. 14

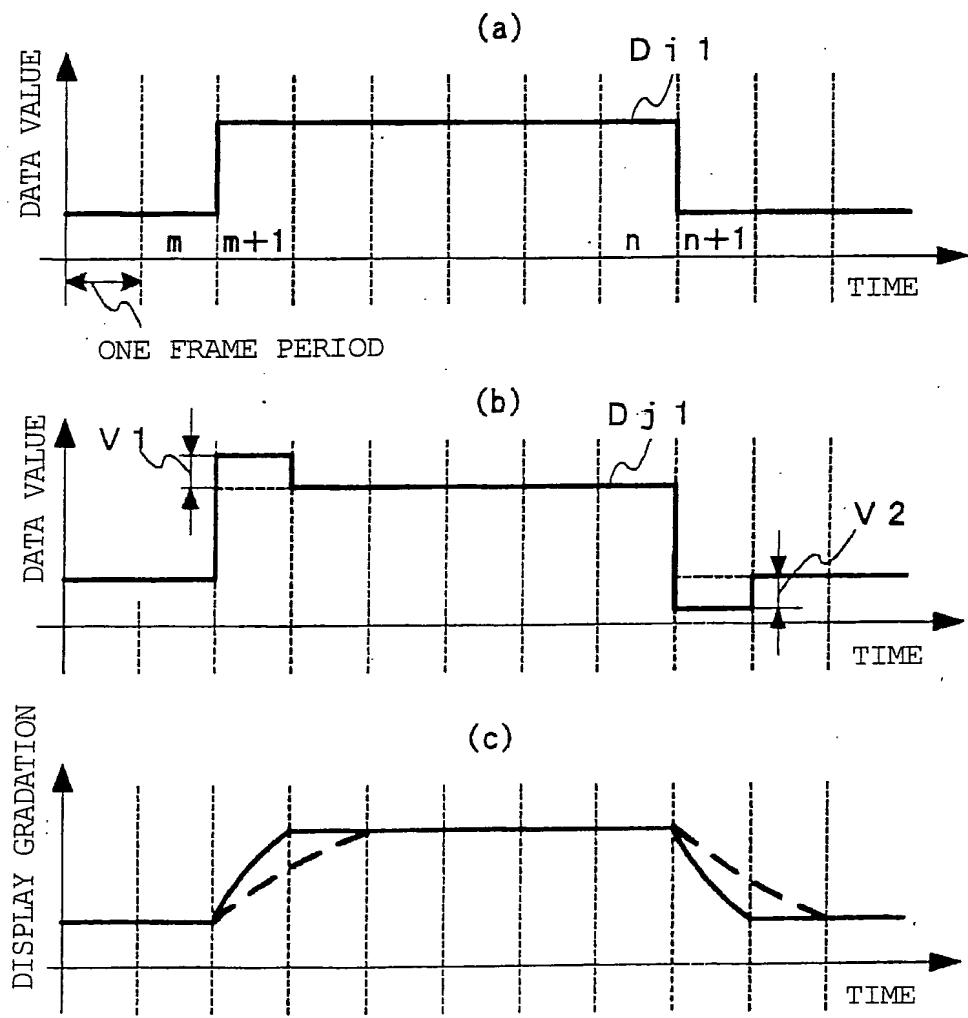


Fig. 15

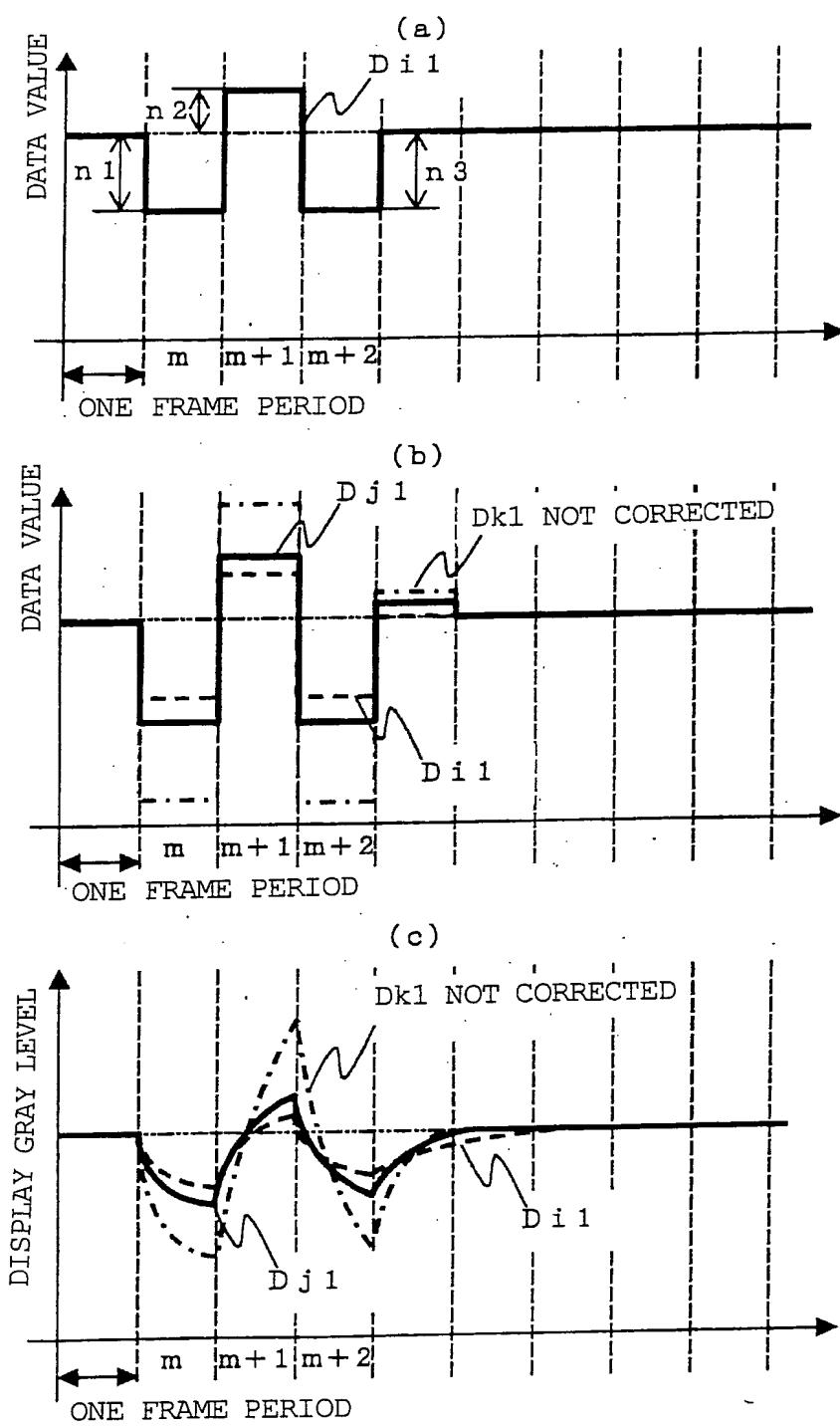


Fig. 16

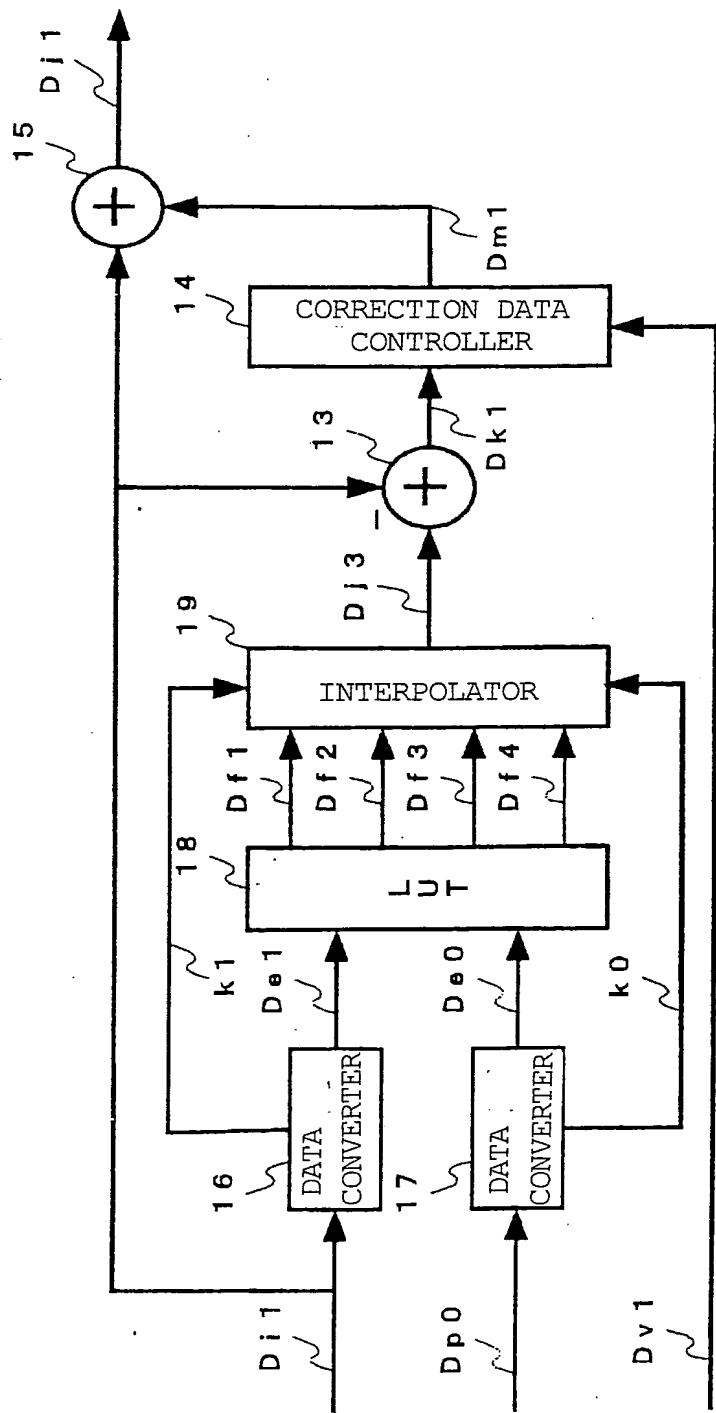


Fig. 17

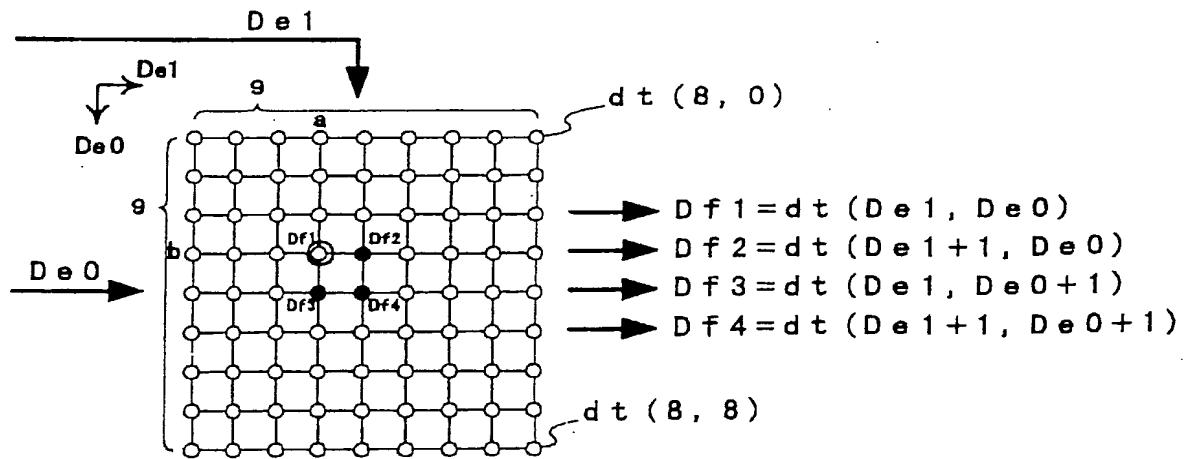


Fig. 18

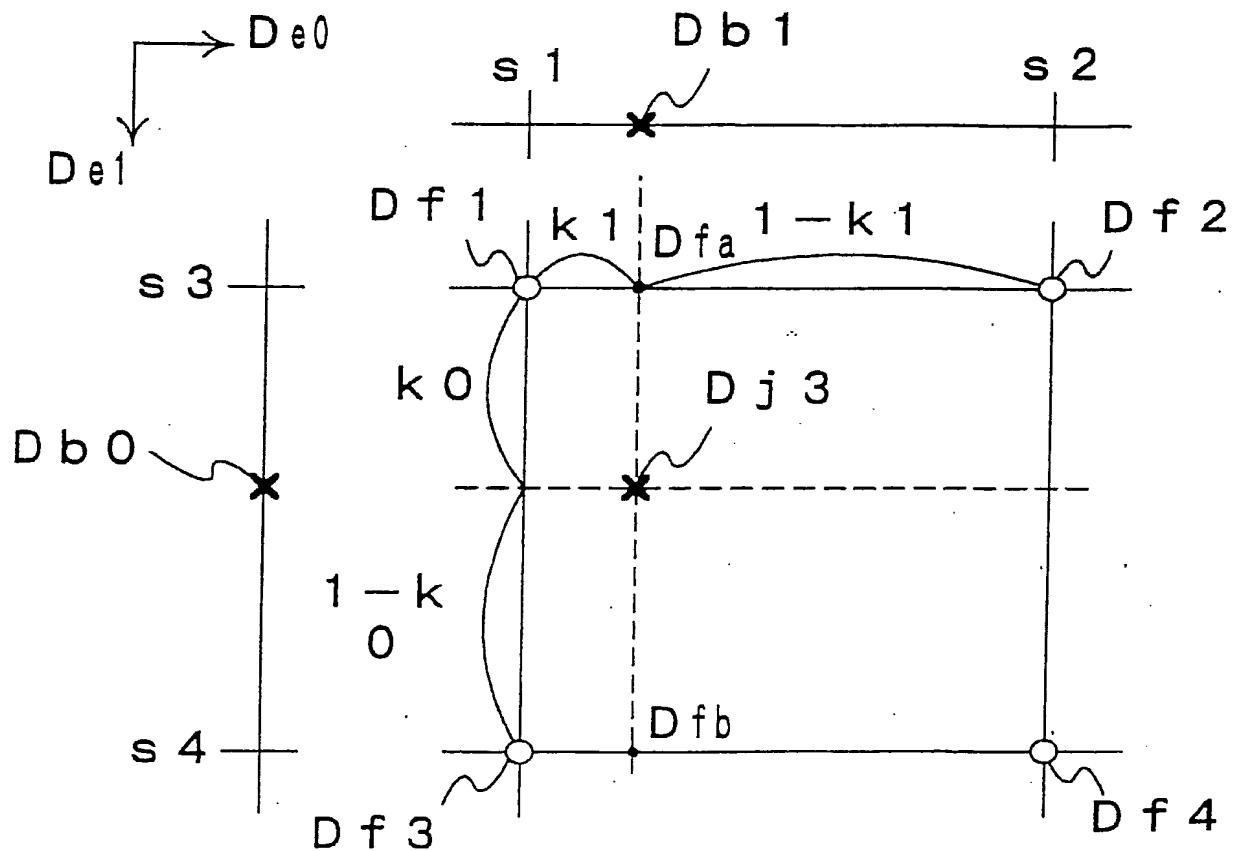


Fig. 19